BRUHATH BENGALURU MAHANAGARA PALIKE
DASARAHALLI DIVISION

NAME OF WORK :Desilting and Resetting of drain and Reasphalting to Kempegowda nagara and Maheshwari nagara roads in Dasarahalli ward no;15

E Meadurement Book

JOB CODE NO : 015-18-000010

Estmate cost : Rs 50.00 Lakhs

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Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Removing and Resetting of foot path slab						
	Kempegowda nagara Main Road						
	LHS						
	Ch 0.00-30.00	1	30.00	0.90		27.00	
	Ch 30.00-60.00	1	25.00	0.90		22.50	
	Ch 60.00-90.00	1	30.00	0.90		27.00	
	Ch 90.00-120.00	1	25.00	0.90		22.50	
	Ch 120.00-150.00	1	30.00	0.90		27.00	
	Ch 150.00-180.00	1	30.00	0.90		27.00	
	Ch 180.00-210.00	1	30.00	0.90		27.00	
	Ch 210.00-240.00	1	30.00	0.90		0.00	
	RHS						
	Ch 0.00-30.00	1	20.00	0.90		18.00	
	Ch 30.00-60.00	1	25.00	0.90		22.50	
	Ch 60.00-90.00	1	30.00	0.90		27.00	
	Ch 90.00-120.00	1	18.00	0.90		16.20	
	Ch 120.00-150.00	1	30.00	0.90		27.00	
	Ch 150.00-180.00	1	17.00	0.90		15.30	
	Ch 180.00-210.00	1	22.00	0.90		19.80	
				Present Quantity		**325.80**	**Sqm**
				Payable Qty		**325.80**	**Sqm**

06/09/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means in hard soil involving an average horizantal throw upto 2m and an average lift upto 0.50m excavated surface levelled and sides neately dressed , the disposed earth to be levelled after breaking of clods complete as per specifications.						
	Desilting of drain						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.20	3.00	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.30	4.50	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.20	3.00	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.30	4.50	
		1	25.00	0.50	0.30	3.75	
	RHS	1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.30	4.50	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.30	4.50	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.25	3.75	
		1	30.00	0.50	0.20	3.00	
		1	25.00	0.50	0.20	2.50	
	For Roads						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	1.00	0.20	6.00	
		1	30.00	1.00	0.20	6.00	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	1.00	0.20	6.00	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	7.00	0.90	0.20	1.26	
	RHS	1	30.00	1.00	0.20	6.00	
		1	30.00	1.00	0.20	6.00	
		1	30.00	1.00	0.20	6.00	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	7.00	0.90	0.20	1.26	
	1 st Cross						
	LHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	18.00	0.90	0.20	3.24	
	RHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	18.00	0.90	0.20	3.24	
	2 nd Cross						
	LHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	11.00	0.90	0.20	1.98	
	RHS	1	30.00	0.90	0.20	5.40	

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಯೋಜನಾ ಘಟಕ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ
ಬೆಂಗಳೂರು-560073

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	11.00	0.90	0.20	1.98	
	3 rd Cross						
	LHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	4.00	0.90	0.20	0.72	
	RHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	4.00	0.90	0.20	0.72	
	4 th Cross						
	LHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	5.00	0.90	0.20	0.90	
	RHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	5.00	0.90	0.20	0.90	
	Back side Road						
	LHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	28.00	0.90	0.20	5.04	
	RHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	28.00	0.90	0.20	5.04	
	1 st Main Road Bhuvaneshwari Nagara						
	RHS	1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	

Scanned with CamScanner

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
		1	30.00	0.90	0.20	5.40	
				Present Quantity		**425.08**	**Cum**
				Payable Quantity		**420.94**	**Cum**

11/07/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasarahalli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Braedth	depth	Qty	Unit
3	Providing flush pointing to stone slab pavements , with cement mortar 1:3 ,after rakimg joints,nicely lining ,including cost of materials ,labours ,curing complete as per specifications .						
	Kempegowda nagara Main						
	LHS						
	Ch 0.00-30.00	1	30.00	0.90		27.00	
	Ch 30.00-60.00	1	25.00	0.90		22.50	
	Ch 60.00-90.00	1	30.00	0.90		27.00	
	Ch 90.00-120.00	1	25.00	0.90		22.50	
	Ch 120.00-150.00	1	30.00	0.90		27.00	
	Ch 150.00-180.00	1	28.00	0.90		25.20	
	Ch 180.00-210.00	1	25.00	0.90		22.50	
	Ch 210.00-240.00	1	25.00	0.90		22.50	
	Ch 240.00-270.00	1	25.00	0.90		22.50	
	RHS						
	Ch 0.00-30.00	1	20.00	0.90		18.00	
	Ch 30.00-60.00	1	25.00	0.90		22.50	
	Ch 60.00-90.00	1	30.00	0.90		27.00	
	Ch 90.00-120.00	1	18.00	0.90		16.20	
	Ch 120.00-150.00	1	25.00	0.90		22.50	
	Ch 150.00-180.00	1	17.00	0.90		15.30	
	Ch 180.00-210.00	1	22.00	0.90		19.80	
	Ch 210.00-240.00	1	25.00	0.90		22.50	
				Present Quantity		**382.50**	**Sqm**
				Payable Qty		**382.50**	**Sqm**

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
4	Providing Pre Cast slab of 100mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work						
	Kempegowda Nagara Main Road						
	LHS	16	0.90	0.60		8.64	
	RHS	13	0.90	0.60		7.02	
	1 st Cross						
	LHS	9	0.90	0.60		4.86	
	RHS	6	0.90	0.60		3.24	
	2nd Cross						
	LHS	10	0.90	0.60		5.40	
	RHS	9	0.90	0.60		4.86	
	3 rd Cross						
	LHS	11	0.90	0.60		5.94	
	RHS	9	0.90	0.60		4.86	
	4 th Cross						
	LHS	10	0.90	0.60		5.40	
	RHS	14	0.90	0.60		7.56	
				Present Quantity		57.78	
				Payable Quantity		**57.51**	**Sqm**

29/07/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
5	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnees power roller including filling in depression occuring rolling including cost of all labour, HOM of machinery complete as per specifications.						Sqm
	For Roads						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	7.00	0.90		6.30	
	RHS	1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	7.00	0.90		6.30	
	1 st Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	18.70	0.90		16.83	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	18.70	0.90		16.83	
	2 nd Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.50	0.90		10.35	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.50	0.90		10.35	
	3 rd Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.30	0.90		3.87	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.30	0.90		3.87	
	4 th Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	5.00	0.90		4.50	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	5.00	0.90		4.50	
	Back side Road			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	

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Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	28.50	0.90		25.65	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	28.50	0.90		25.65	
	1 st Main Road Bhuvaneshwari Nagara						
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	2.80	0.90		2.52	
						1721.52	Sqm
						1721.32	Sqm

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
6	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406						
	For Roads						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	7.00	0.90	0.15	0.95	
	RHS	1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	1.00	0.15	4.50	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	

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Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
		1	30.00	0.90	0.15	4.05	
		1	7.00	0.90	0.15	0.95	
	1 st Cross			0.90	0.15	0.00	
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	18.70	0.90	0.15	2.52	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	18.70	0.90	0.15	2.52	
	2 nd Cross			0.90	0.15	0.00	
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	11.50	0.90	0.15	1.55	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	11.50	0.90	0.15	1.55	
	3 rd Cross			0.90	0.15	0.00	
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	4.30	0.90	0.15	0.58	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	4.30	0.90	0.15	0.58	
	4 th Cross			0.90	0.15	0.00	
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	5.00	0.90	0.15	0.68	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	5.00	0.90	0.15	0.68	
	Back side Road			0.90	0.15	0.00	
	LHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	28.50	0.90	0.15	3.85	
	RHS	1	30.00	0.90	0.15	4.05	

Scanned with CamScanner

Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
		1	30.00	0.90	0.15	4.05	
		1	28.50	0.90	0.15	3.85	
	1 st Main Road Bhuvaneshwari Nagara				0.15	0.00	
	RHS	1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	30.00	0.90	0.15	4.05	
		1	2.80	0.90	0.15	0.38	
						258.2	Cum
						258.20	Cum

13/07/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
7	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications.Clause 502 of MORTH V revision						
	For Roads						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	7.00	0.90		6.30	
	RHS	1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	1.00		30.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	7.00	0.90		6.30	
	1 st Cross			0.90		0.00	

Scanned with CamScanner

Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	18.70	0.90		16.83	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	18.70	0.90		16.83	
	2 nd Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.50	0.90		10.35	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	11.50	0.90		10.35	
	3 rd Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.30	0.90		3.87	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	4.30	0.90		3.87	
	4 th Cross			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	5.00	0.90		4.50	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	5.00	0.90		4.50	
	Back side Road			0.90		0.00	
	LHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	28.50	0.90		25.65	
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	28.50	0.90		25.65	

Scanned with CamScanner

Item No	Discription of Item	No	Length	Breadth	depth	Qty	Unit
	1 st Main Road Bhuvaneshwari Nagara						
	RHS	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	2.80	0.90		2.52	
						1721.52	
						1721.52	

15/7/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
T.Dasarahalli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :-Desilting and Re settingof drain and Re asphalting to Kempegowdanagara and Maheshwari nagara roads in Dasarahalli ward no 15

tem No	Pre measurement recorded on: / Discription of Item	No	Length	B 1	B 2	Average	Depth	Qty	Unit
8	Cleaning the existing black topped surface with brooms soft brushes and finally dusting with old gunny bags and or compressed air to resceive bituminous treatment including cost of all materials labour, HOM of machinary etc complete as per specifications								
	Kempegowda Nagara Main Road								
	From NH-4								
	0-30	1	30.00	6.60	6.70	6.65		199.50	
	30-60	1	30.00	6.70	6.90	6.80		204.00	
	60-90	1	30.00	6.90	6.40	6.65		199.50	
	90-120	1	30.00	6.40	6.20	6.30		189.00	
	120-150	1	30.00	6.20	5.70	5.95		178.50	
	150-180	1	30.00	5.70	6.10	5.90		177.00	
	180-183	1	3.00	6.10	6.00	6.05		18.15	
	183-210	1	27.00	6.00	4.50	5.25		141.75	
	210-240	1	30.00	4.50	6.40	5.45		163.50	
	240-270	1	30.00	6.40	4.40	5.40		162.00	
	270-300	1	30.00	4.40	5.00	4.70		141.00	
	300-330	1	30.00	5.00	5.45	5.23		156.75	
	330-360	1	30.00	5.45	4.90	5.18		155.25	
	360-385.20	1	25.20	4.90	4.90	4.90		123.48	
	deductions								
	Man Holes	-5	3.14	0.20				-3.14	
	1st cross From Back side								
		1	14.00	5.80	5.80	5.80		81.20	
	0-30.00	1	30.00	4.90	5.60	5.25		157.50	
	30-60.00	1	30.00	5.60	5.15	5.38		161.25	
	60-90.00	1	30.00	5.15	5.30	5.23		156.75	
	90-108.70	1	18.70	5.30	6.80	6.05		113.14	
		-1	10.00	1.10	1.10	1.10		-11.00	
	Man Holes	-2	3.14	0.20				-1.26	
	2nd Cross								
	from KG nagara Main Road								
	0-30	1	30.00	5.60	5.15	5.38		161.25	
	30-60	1	30.00	5.15	5.20	5.18		155.25	
	60-90	1	30.00	5.20	5.50	5.35		160.50	
	90-101.50	1	11.50	5.50	5.60	5.55		63.83	

Scanned with CamScanner

Item No	Discription of Item	No	Length	B 1	B 2	Average	Depth	Qty	Unit
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	3 rd Cross								
	from Backside								
	0-30	1	30.00	5.50	4.50	5.00		150.00	
	30-60	1	30.00	4.50	5.30	4.90		147.00	
	60-90	1	30.00	5.30	5.50	5.40		162.00	
	90-94.80	1	4.80	5.40	5.50	5.45		26.16	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	4 th Cross								
	From KG nagara Main road								
	0-30	1	30.00	5.75	4.25	5.00		150.00	
	30-45	1	15.00	5.25	5.75	5.50		82.50	
	45-60	1	15.00	5.75	3.95	4.85		72.75	
	60-90	1	30.00	3.95	6.65	5.30		159.00	
	90-95	1	5.00	6.60	6.65	6.63		33.13	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	Back side Road								
	0-27	1	27.00	5.10	5.80	5.45		147.15	
	27-57	1	30.00	4.60	5.15	4.88		146.25	
	57-60	1	3.00	4.60	4.60	4.60		13.80	
	60-88.70	1	28.70	4.60	5.10	4.85		139.30	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	Bhuvaneshwari nagara 1 st Main								
	Fron KG nagara main Road								
	0-30	1	30.00	6.00	6.70	6.35		190.50	
	30-60	1	30.00	6.70	3.90	5.30		159.00	
	60-90	1	30.00	3.90	5.00	4.45		133.50	
	90-120	1	30.00	5.00	5.00	5.00		150.00	
	120-150	1	30.00	4.90	4.90	4.90		147.00	

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Item No	Discription of Item	No	Length	B 1	B 2	Average	Depth	Qty	Unit
	150-180	1	30.00	6.10	4.10	5.10		153.00	
	180-194.50	1	14.50	4.10	4.00	4.05		58.73	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
							Total Qty	5819.01	Sqm
							Payable Qty	5818.00	Sqm

14/07/22

Assistant Engineer
Ward NO-15
BBMP Bangalore

14/07/22

Assistant Executive Engineer
Dasara halli Sub division
BBMP Bangalore

Scanned with CamScanner

Name of work :-Desilting and Re settingof drain and Re asphalting to Kempegowdanagara and Maheshwari nagara roads in Dasarahalli ward no 15

Item No	Discription of Item	No	Length	B1	B2	Average	Depth	Qty	Unit
	Pre measurement recorded on:								
9	KSRRB M500-10. Providing and applying tack coat using 80/100 grade bitumen(VGlO) in boiler fitted with spray set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface (primed surface) cleaned with mechanical broom, complete as per specifications. Clause 503 of MORTH V revision								Sqm
	Kempegowda Nagara Main Road								
	From NH-4								
	0-30	1	30.00	6.60	6.70	6.65		199.50	
	30-60	1	30.00	6.70	6.90	6.80		204.00	
	60-90	1	30.00	6.90	6.40	6.65		199.50	
	90-120	1	30.00	6.40	6.20	6.30		189.00	
	120-150	1	30.00	6.20	5.70	5.95		178.50	
	150-180	1	30.00	5.70	6.10	5.90		177.00	
	180-183	1	3.00	6.10	6.00	6.05		18.15	
	183-210	1	27.00	6.00	4.50	5.25		141.75	
	210-240	1	30.00	4.50	6.40	5.45		163.50	
	240-270	1	30.00	6.40	4.40	5.40		162.00	
	270-300	1	30.00	4.40	5.00	4.70		141.00	
	300-330	1	30.00	5.00	5.45	5.23		156.75	
	330-360	1	30.00	5.45	4.90	5.18		155.25	
	360-385.20	1	25.20	4.90	4.90	4.90		123.48	
	deductions								
	Man Holes	-5	3.14	0.20				-3.14	
	1st cross From Back side								
		1	14.00	5.80	5.80	5.80		81.20	
	0-30.00	1	30.00	4.90	5.60	5.25		157.50	
	30-60.00	1	30.00	5.60	5.15	5.38		161.25	
	60-90.00	1	30.00	5.15	5.30	5.23		156.75	
	90-108.70	1	18.70	5.30	6.80	6.05		113.14	
		-1	10.00	1.10	1.10	1.10		-11.00	
	Man Holes	-2	3.14	0.20				-1.26	
	2nd Cross								
	from KG nagara Main Road								
	0-30	1	30.00	5.60	5.15	5.38		161.25	
	30-60	1	30.00	5.15	5.20	5.18		155.25	
	60-90	1	30.00	5.20	5.50	5.35		160.50	
	90-101.50	1	11.50	5.50	5.60	5.55		63.83	
	deductions								

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	Man Holes	-2	3.14	0.20				-1.26	
	3 rd Cross								
	from Backside								
	0-30	1	30.00	5.50	4.50	5.00		150.00	
	30-60	1	30.00	4.50	5.30	4.90		147.00	
	60-90	1	30.00	5.30	5.50	5.40		162.00	
	90-94.80	1	4.80	5.40	5.50	5.45		26.16	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	4 th Cross								
	From KG nagara Main road								
	0-30	1	30.00	5.75	4.25	5.00		150.00	
	30-45	1	15.00	5.25	5.75	5.50		82.50	
	45-60	1	15.00	5.75	3.95	4.85		72.75	
	60-90	1	30.00	3.95	6.65	5.30		159.00	
	90-95	1	5.00	6.60	6.65	6.63		33.13	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	Back side Road								
	0-27	1	27.00	5.10	5.80	5.45		147.15	
	27-57	1	30.00	4.60	5.15	4.88		146.25	
	57-60	1	3.00	4.60	4.60	4.60		13.80	
	60-88.70	1	28.70	4.60	5.10	4.85		139.20	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
	Bhuvaneshwari nagara 1 st Main								
	Fron KG nagara main Road								
	0-30	1	30.00	6.00	6.70	6.35		190.50	
	30-60	1	30.00	6.70	3.90	5.30		159.00	
	60-90	1	30.00	3.90	5.00	4.45		133.50	
	90-120	1	30.00	5.00	5.00	5.00		150.00	
	120-150	1	30.00	4.90	4.90	4.90		147.00	
	150-180	1	30.00	6.10	4.10	5.10		153.00	
	180-194.50	1	14.50	4.10	4.00	4.05		58.73	
	deductions								
	Man Holes	-2	3.14	0.20				-1.26	
							Total Qty	5819.01	**Sqm**
							Payable Qty	**5818.49**	**Sqm**

Assistant Engineer
Ward NO-15
15/7/23

Assistant Executive Engineer
Dasarahalli Sub division

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Deapth	Qty	Unit
10	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-ll (50 mm to 75 mm) with 4.5 % VG-30 Bitumen						
	For Roads						
	Kempegowda Nagara						
	Main Road						
	LHS	1	30.00	1.00	0.05	1.50	
		1	30.00	1.00	0.05	1.50	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	7.00	0.90	0.05	0.32	
	RHS	1	30.00	1.00	0.05	1.50	
		1	30.00	1.00	0.05	1.50	
		1	30.00	1.00	0.05	1.50	
		1	30.00	1.00	0.05	1.50	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	7.00	0.90	0.05	0.32	

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	1 st Cross			0.90	0.05	0.00	
	LHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	18.70	0.90	0.05	0.84	
	RHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	18.70	0.90	0.05	0.84	
	2 nd Cross			0.90	0.05	0.00	
	LHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	11.50	0.90	0.05	0.52	
	RHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	11.50	0.90	0.05	0.52	
	3 rd Cross			0.90	0.05	0.00	
	LHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	4.30	0.90	0.05	0.19	
	RHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	4.30	0.90	0.05	0.19	
	4 th Cross			0.90	0.05	0.00	
	LHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	5.00	0.90	0.05	0.23	
	RHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	5.00	0.90	0.05	0.23	
	Back side Road			0.90	0.05	0.00	
	LHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	28.50	0.90	0.05	1.28	
	RHS	1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	28.50	0.90	0.05	1.28	
	1 st Main Road Bhuvaneshwari Nagara				0.05	0.00	
	RHS	1	30.00	0.90	0.05	1.35	

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		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	30.00	0.90	0.05	1.35	
		1	2.80	0.90	0.05	0.13	
					Total Qty	86.08	Sqm
					Payable Qty	86.08	Sqm

Assistant Engineer 15/03/22
Ward NO-15
BBMP Bangalore

Assistant Executive Engineer
T.Dasarahalli Sub division

Scanned with CamScanner

Name of work :-Desilting and Re settingof drain and Re asphalting to Kempegowdanagara and Maheshwari nagara roads in Dasarahalli ward no 15

Item No	Discription of Item	No	Length	B1	B2	Average	Deapth	Qty	Unit
	Pre measurement recorded on:								
11	Providing and laying bituminous concrete 40mm thick with hot mix plant, using 40-60 TPH capacity HMP with mechanical paver grading II (30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.								
	Kempegowda Nagara Main Road								
	From NH-4								
	0-30	1	30.00	6.50	6.60	6.55	0.04	7.86	
	30-60	1	30.00	6.60	6.80	6.70	0.04	8.04	
	60-90	1	30.00	6.80	6.40	6.60	0.04	7.92	
	90-120	1	30.00	6.40	6.20	6.30	0.04	7.56	
	120-150	1	30.00	6.20	5.70	5.95	0.04	7.14	
	150-180	1	30.00	5.70	6.10	5.90	0.04	7.08	
	180-183	1	3.00	6.10	6.00	6.05	0.04	0.73	
	183-210	1	27.00	6.00	4.50	5.25	0.04	5.67	
	210-240	1	30.00	4.50	6.40	5.45	0.04	6.54	
	240-270	1	30.00	6.40	4.40	5.40	0.04	6.48	
	270-300	1	30.00	4.40	5.00	4.70	0.04	5.64	
	300-330	1	30.00	5.00	5.45	5.23	0.04	6.27	
	330-360	1	30.00	5.45	4.90	5.18	0.04	6.21	
	360-385.20	1	25.20	4.90	4.70	4.80	0.04	4.84	
	deductions								
		-1	6.10	2.00	2.00	2.00	0.04	0.49	
	Man Holes	-11	3.14	0.20			0.04	0.00	
	1st cross From Back side						0.04	0.00	
		1	14.00	5.80	5.80	5.80	0.04	3.25	
	deductions	-1	4.20	1.40	1.40	1.40	0.04	-0.24	
		-1	3.70	1.10	1.10	1.10	0.04	-0.16	
	0-30.00	1	30.00	4.90	5.60	5.25	0.04	6.30	
	30-60.00	1	30.00	5.60	5.15	5.38	0.04	6.45	
	60-90.00	1	30.00	5.15	5.30	5.23	0.04	6.27	
	90-108.70	1	18.70	5.30	6.50	5.90	0.04	4.41	
		-1	10.00	1.10	1.10	1.10	0.04	-0.44	
	Man Holes	-3	3.14	0.20			0.04	0.00	
	2nd Cross						0.04	0.00	
	from KG nagara Main Road						0.04	0.00	
	0-30	1	30.00	5.60	5.15	5.38	0.04	6.45	
	30-60	1	30.00	5.15	5.20	5.18	0.04	6.21	

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore - 560 057.

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	60-90	1	30.00	5.20	5.50	5.35	0.04	6.42	
	90-101.50	1	11.50	5.50	5.60	5.55	0.04	2.55	
	deductions						0.04	0.00	
	Man Holes	-3	3.14	0.20			0.04	0.00	
	3 rd Cross						0.04	0.00	
	From Backside						0.04	0.00	
	0-30	1	30.00	5.50	4.50	5.00	0.04	6.00	
	30-60	1	30.00	4.50	5.30	4.90	0.04	5.88	
	60-90	1	30.00	5.30	5.40	5.35	0.04	6.42	
	90-94.80	1	4.80	5.40	5.50	5.45	0.04	1.05	
	deductions						0.04	0.00	
	Man Holes	-3	3.14	0.20			0.04	0.00	
	4 th Cross						0.04	0.00	
	From KG nagara Main road						0.04	0.00	
	0-30	1	30.00	5.75	4.25	5.00	0.04	6.00	
	30-45	1	15.00	5.25	5.75	5.50	0.04	3.30	
	45-60	1	15.00	5.75	3.95	4.85	0.04	2.91	
	60-90	1	30.00	3.95	6.60	5.28	0.04	6.33	
	90-95	1	5.00	6.60	6.65	6.63	0.04	1.33	
	deductions						0.04	0.00	
	Man Holes	-3	3.14	0.20			0.04	0.00	
	Back side Road						0.04	0.00	
	0-27	1	27.00	5.10	5.80	5.45	0.04	5.89	
	27-57	1	30.00	4.60	5.15	4.88	0.04	5.85	
	57-60	1	3.00	4.60	4.60	4.60	0.04	0.55	
	60-88.70	1	28.70	4.60	5.10	4.85	0.04	5.56	
	deductions						0.04	0.00	
	Man Holes	-2	3.14	0.20			0.04	0.00	
	Bhuvaneshwari nagara 1 st Main						0.04	0.00	
	Fron KG nagara main Road						0.04	0.00	
	0-30	1	30.00	6.00	6.00	6.00	0.04	7.20	
	30-60	1	30.00	6.70	6.70	6.70	0.04	8.04	
	60-90	1	30.00	3.90	3.90	3.90	0.04	4.68	
	90-120	1	30.00	5.00	5.00	5.00	0.04	6.00	
	120-150	1	30.00	4.90	4.90	4.90	0.04	5.88	
	150-180	1	30.00	6.10	4.10	5.10	0.04	6.12	
	180-194.50	1	14.50	4.10	4.00	4.05	0.04	2.35	
	deductions						0.04	0.00	
	Man Holes	-5	3.14	0.20			0.04	0.00	
						Total Quantity		232.30	Cum
						Payable Quantity		232.30	Cum

EXECUTIVE ENGINEER
Bruhat Bangalore Mahanagara Palike
Dasarahalli Division, Bangalore-560 057

27/07/22

Assistant Engineer
Ward NO-15

Assistant Executive Engineer
T.Dasarahalli Sub division

Scanned with CamScanner

Name of work :- Desilting and Re setting of drain and Re asphalting to Kempegowda Nagara and Maheshwari Nagara roads in Dasarahalli ward no 15

	Pre measurement recorded on:						
Item No	Discription of Item	No	Length	Breadth	Deapth	Qty	Unit
12	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803						
	Kempegowda Nagara Main Road						
	From NH-4						
	0-30	2	30.00	0.10		6.00	
	30-60	2	30.00	0.10		6.00	
	60-90	2	30.00	0.10		6.00	
	90-120	2	30.00	0.10		6.00	
	120-150	2	30.00	0.10		6.00	
	150-180	2	30.00	0.10		6.00	
	180-183	2	3.00	0.10		0.60	
	183-210	2	27.00	0.10		5.40	
	210-240	2	30.00	0.10		6.00	
	240-270	2	30.00	0.10		6.00	
	270-300	2	30.00	0.10		6.00	
	300-330	2	30.00	0.10		6.00	
	330-360	2	30.00	0.10		6.00	
	360-385	2	25.00	0.10		5.00	
	1st cross From Back side						
	0-30.00	2	30.00	0.10		6.00	
	30-60.00	2	30.00	0.10		6.00	
	60-90.00	2	30.00	0.10		6.00	
	90-108.70	2	18.70	0.10		3.74	
	2nd Cross						
	from KG nagara Main Road						
	0-30	2	30.00	0.10		6.00	
	30-60	2	30.00	0.10		6.00	
	60-90	2	30.00	0.10		6.00	
	90-101.50	2	11.50	0.10		2.30	
	3 rd Cross						

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Item No	Discription of Item	No	Length	Breadth	Deapth	Qty	Unit
	from Backside						
	0-30	2	30.00	0.10		6.00	
	30-60	2	30.00	0.10		6.00	
	60-90	2	30.00	0.10		6.00	
	90-94.80	2	4.80	0.10		0.96	
	4 th Cross						
	From KG nagara Main road						
	0-30	2	30.00	0.10		6.00	
	30-45	2	15.00	0.10		3.00	
	45-60	2	15.00	0.10		3.00	
	60-90	2	30.00	0.10		6.00	
	90-95	2	5.00	0.10		1.00	
	Back side Road						
	0-27	2	27.00	0.10		5.40	
	27-57	2	30.00	0.10		6.00	
	57-60	2	3.00	0.10		0.60	
	60-88.70	2	28.70	0.10		5.74	
	Bhuvaneshwari nagara 1 st Main						
	Fron KG nagara main Road						
	0-30	2	30.00	0.10		6.00	
	30-60	2	30.00	0.10		6.00	
	60-90	2	30.00	0.10		6.00	
	90-120	2	30.00	0.10		6.00	
	120-150	2	30.00	0.10		6.00	
	150-180	2	30.00	0.10		6.00	
	180-194.5	2	14.50	0.10		2.90	
					Total Qty	213.64	**Sqm**
					Payable Qty	191.26	**Sqm**

27/04/22

Assistant Engineer
Ward NO-15

Assistant Executive Engineer
T.Dasarahalli Sub division

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